

TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES
AND COMPOUNDS IDENTIFIABLE THEREWITH

Inventor: van Gemen et al.
Serial No.: Not Yet Assigned
Docket No.: 5189US

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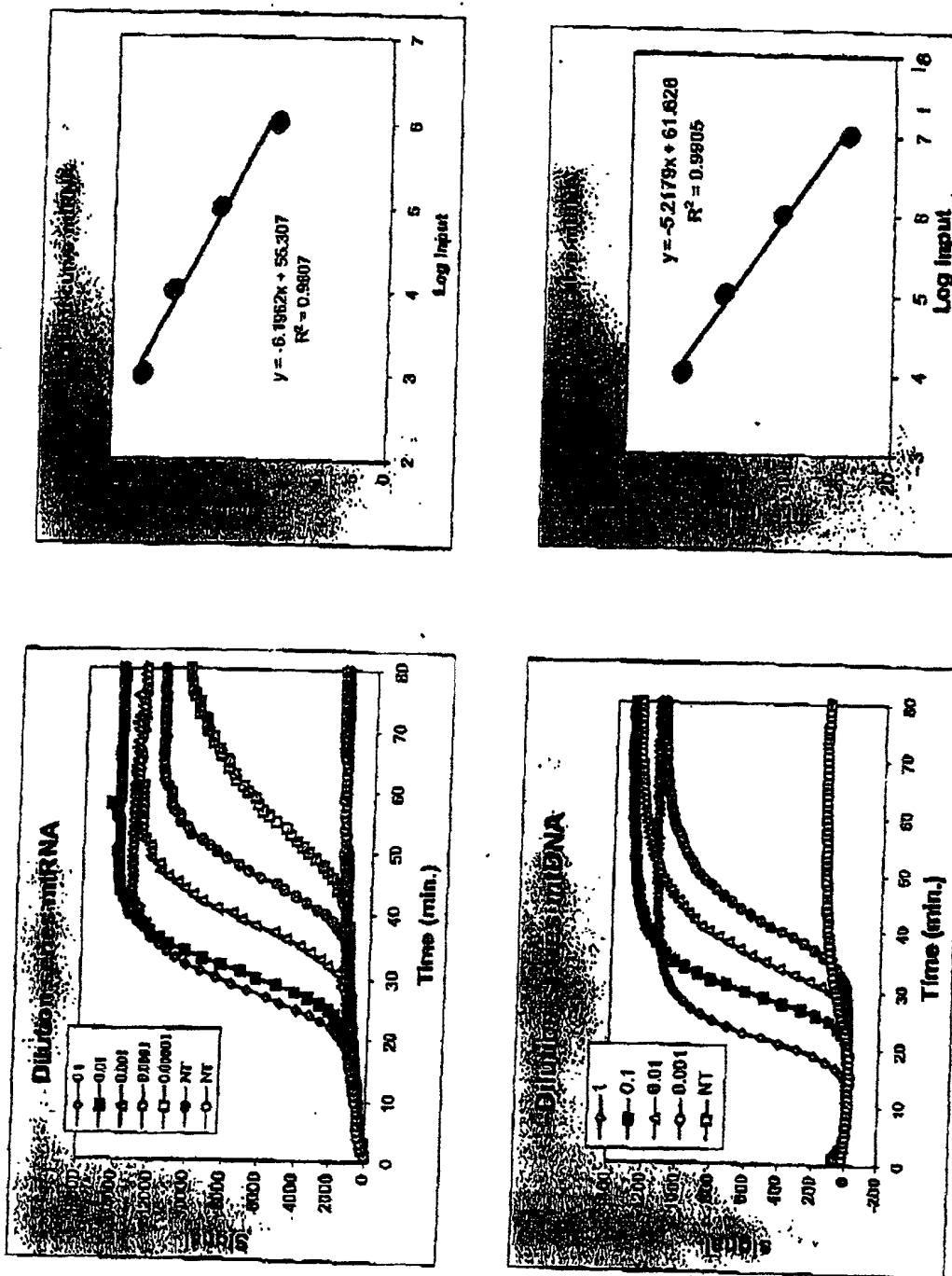


Figure 1

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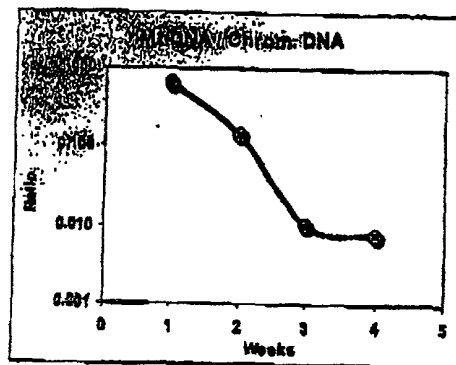


Figure 2

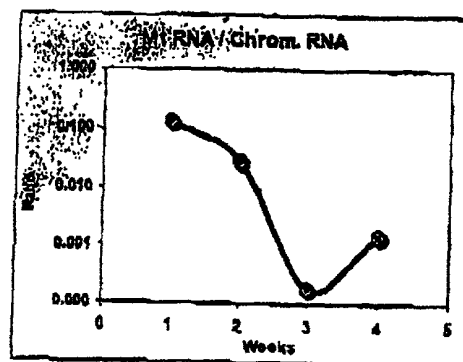


Figure 3

Patent 6,009,007

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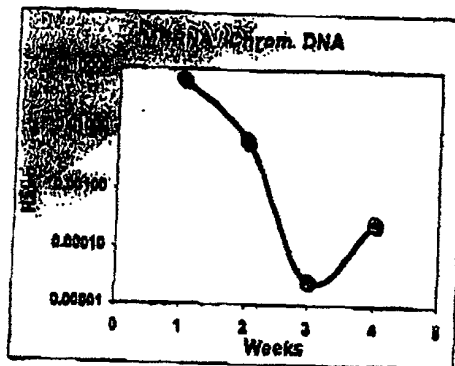


Figure 4

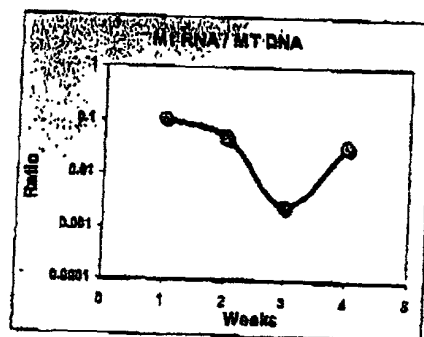


Figure 5

600950001

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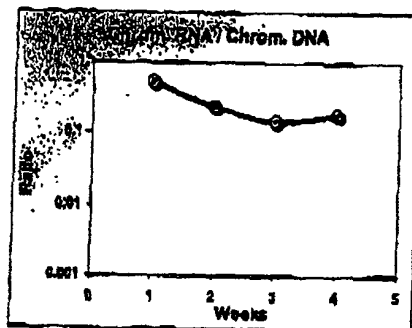


Figure 6

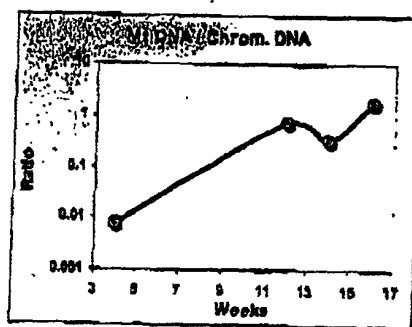


Figure 7

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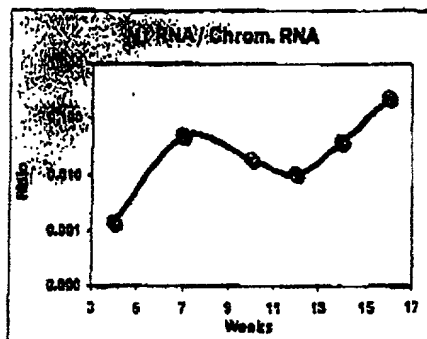


Figure 8

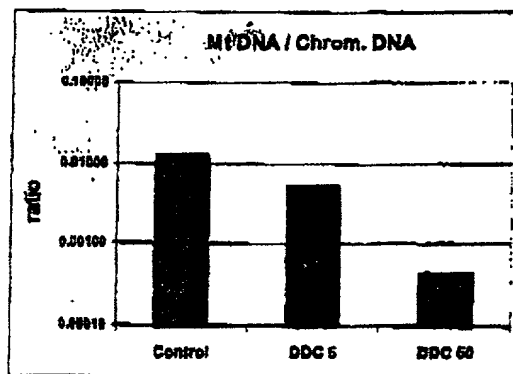


Figure 9

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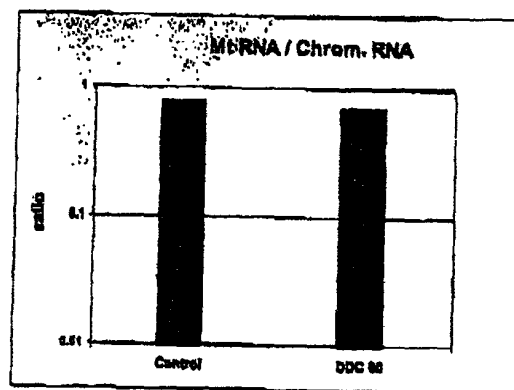


Figure 10

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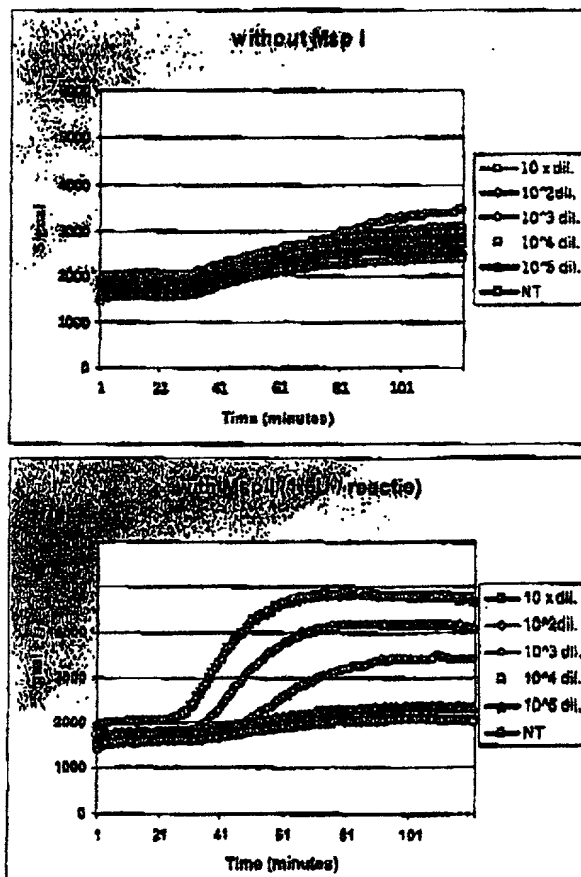
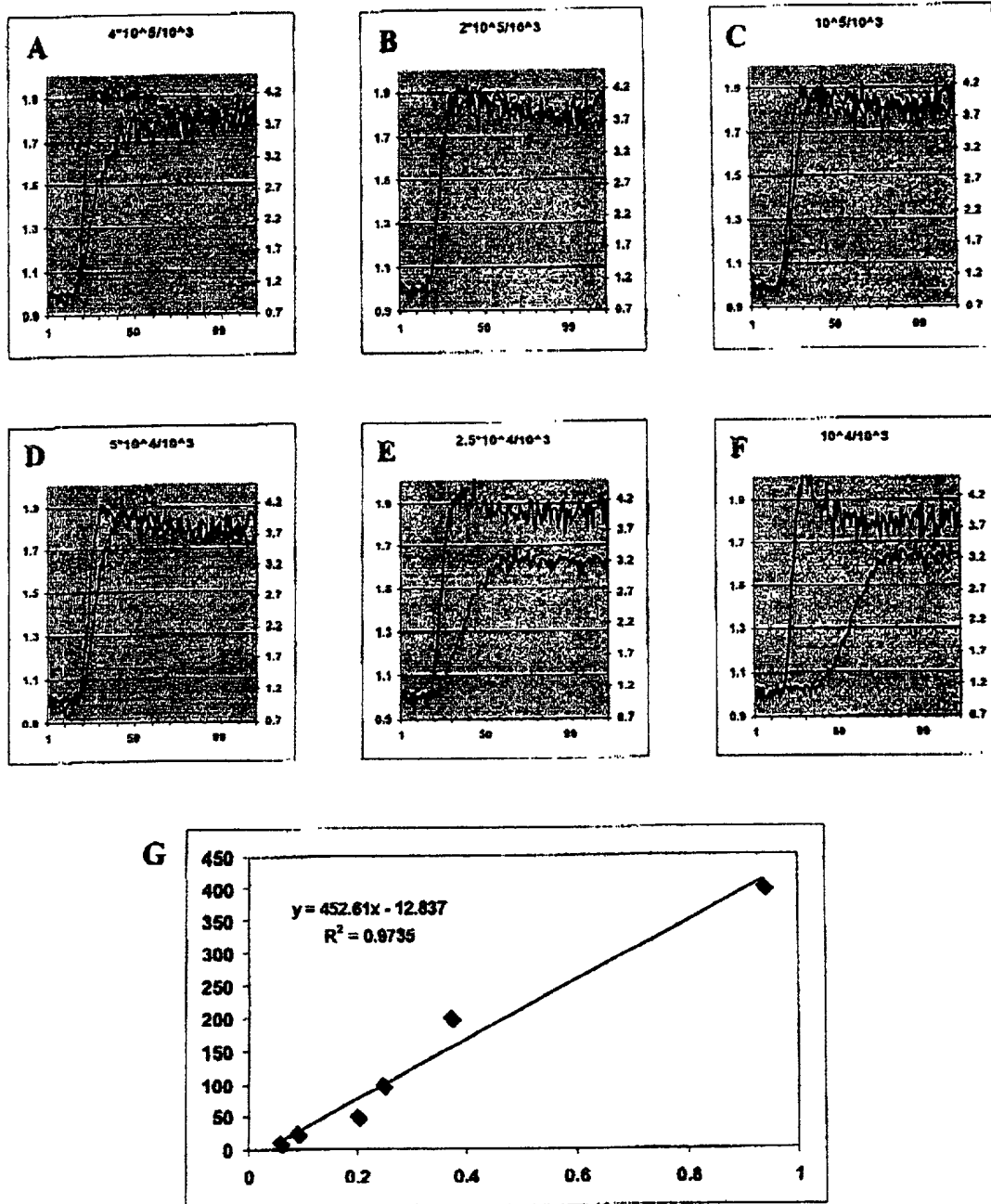


Figure 11.

FIG. 11

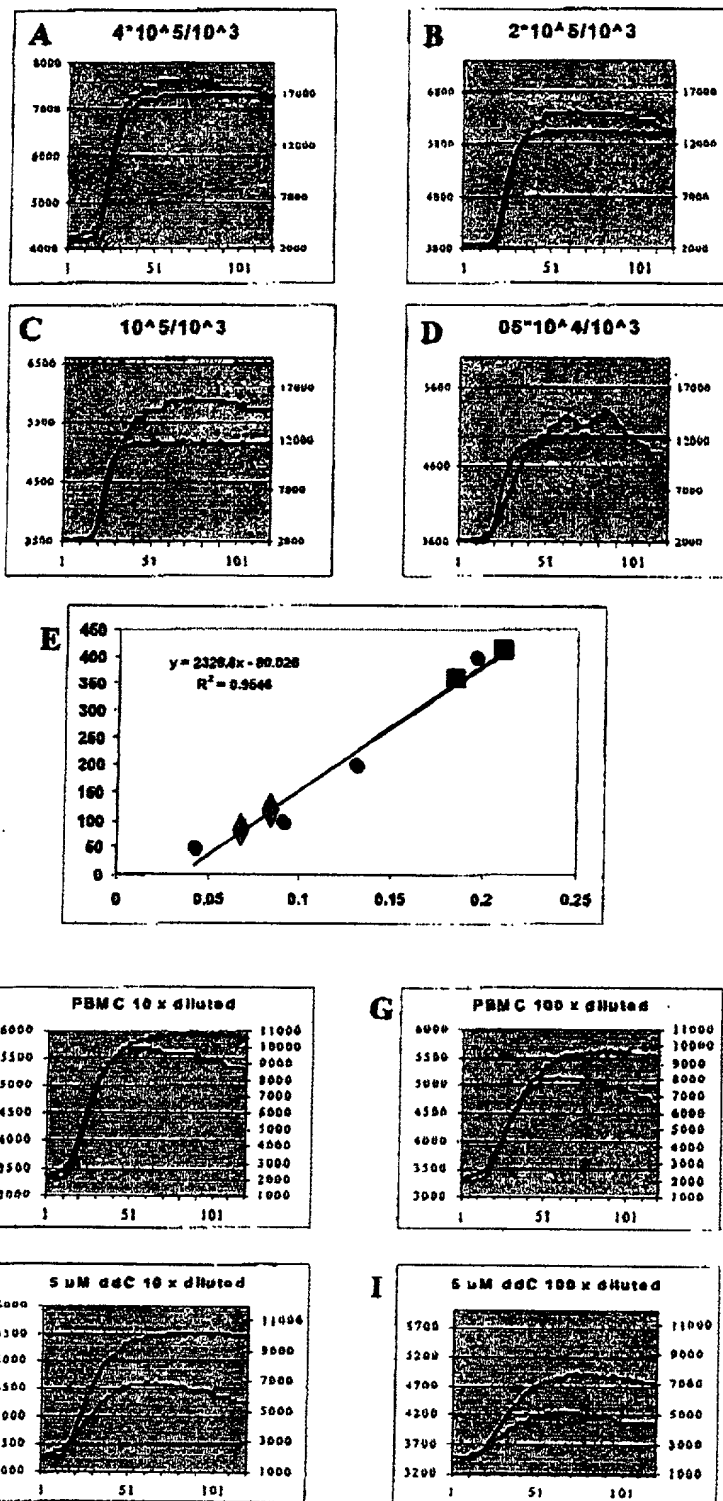
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Figure 12



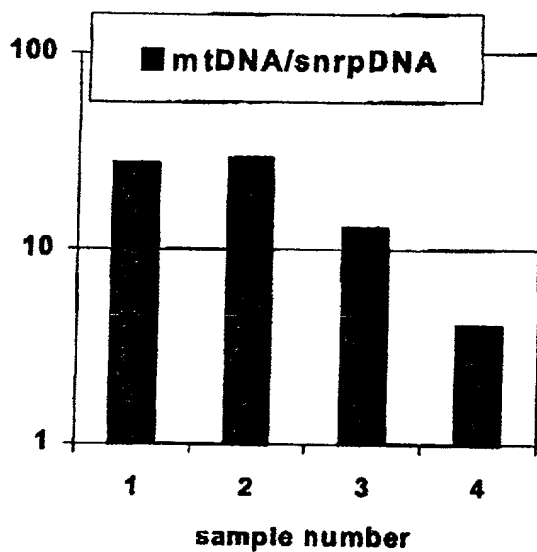
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Figure 13



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Figure 14



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Lactate acidose patient (H0224)

M10620 (H 0224)

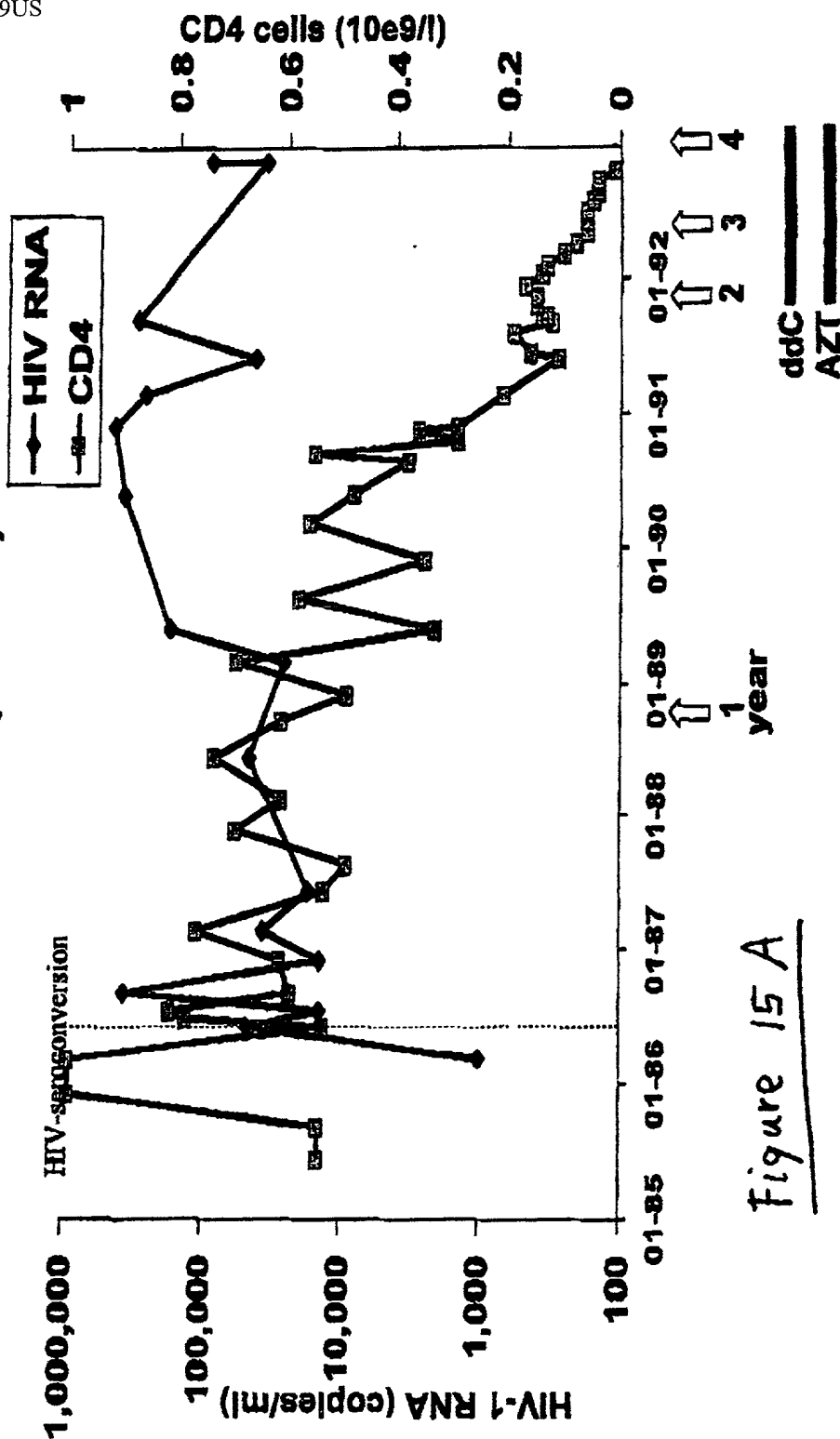


Figure 15 A

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Lactate acidose patient (H0224)

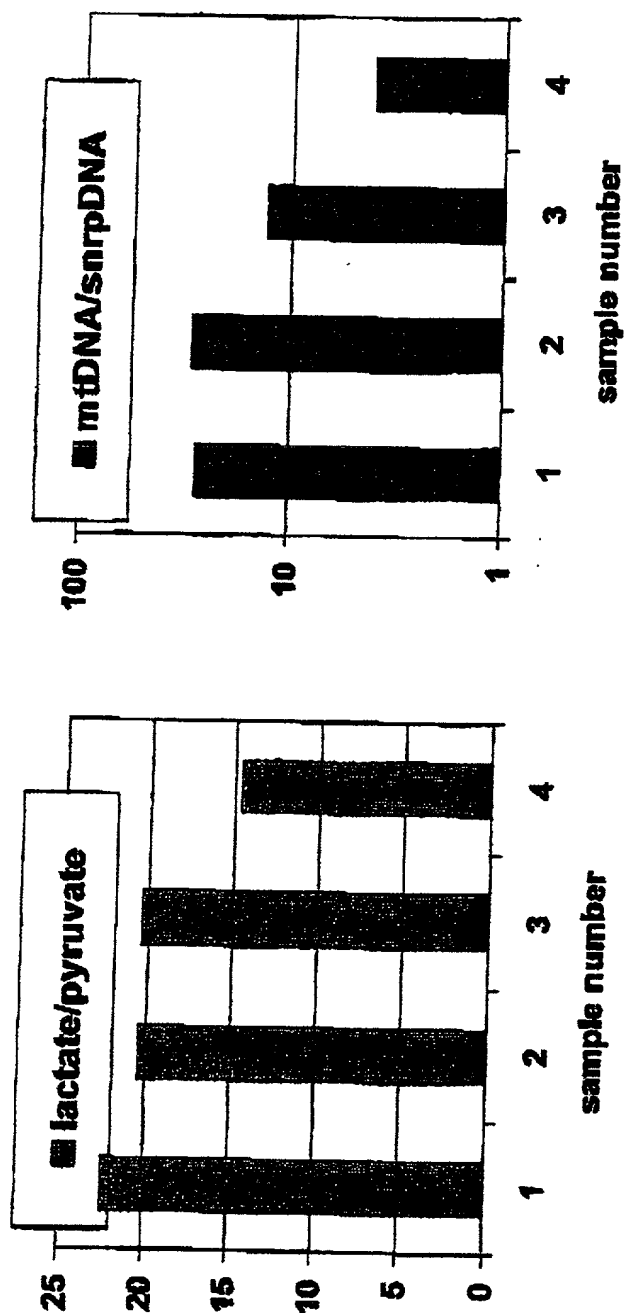
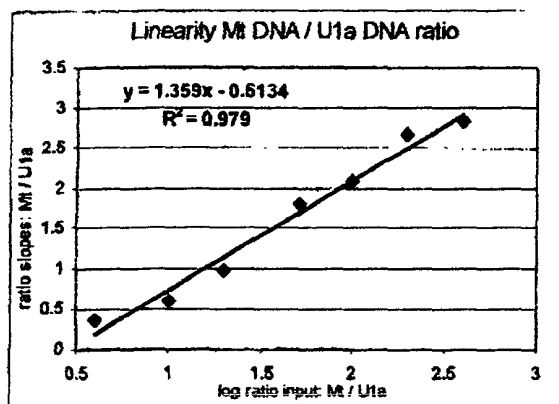
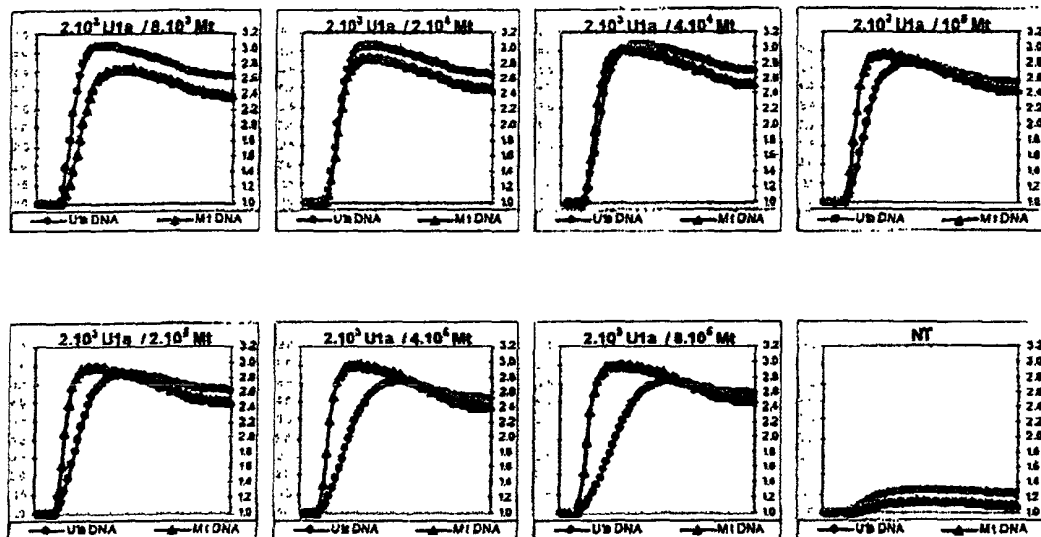


Figure 15 B

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Figure 16



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Figure 17

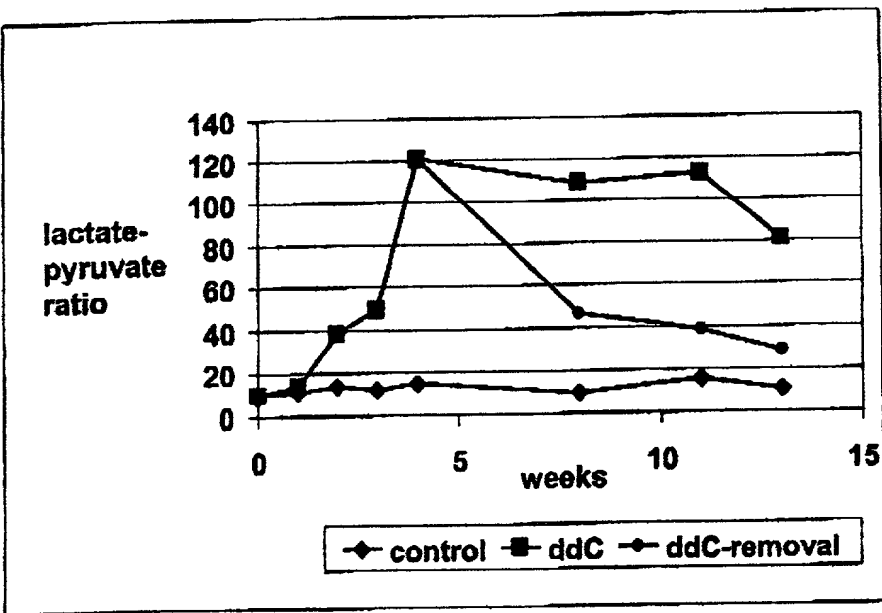
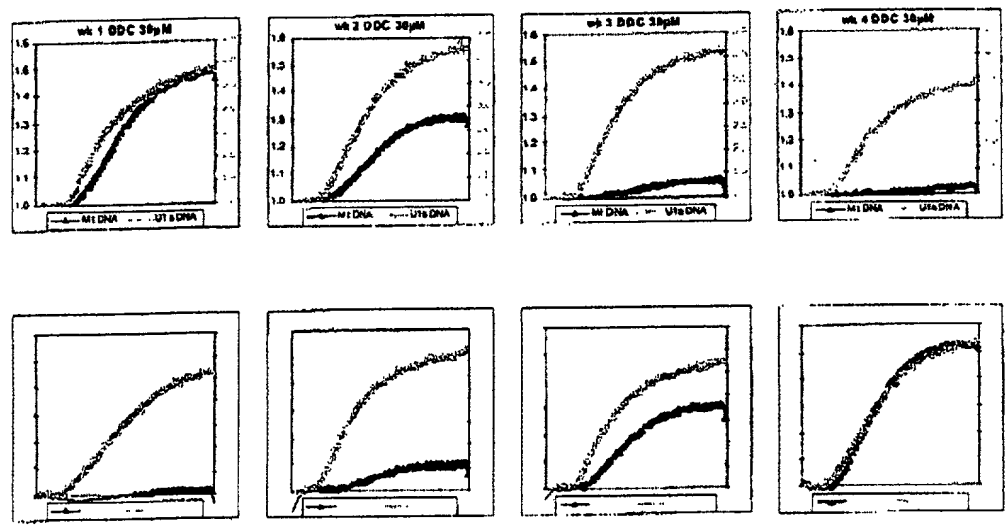
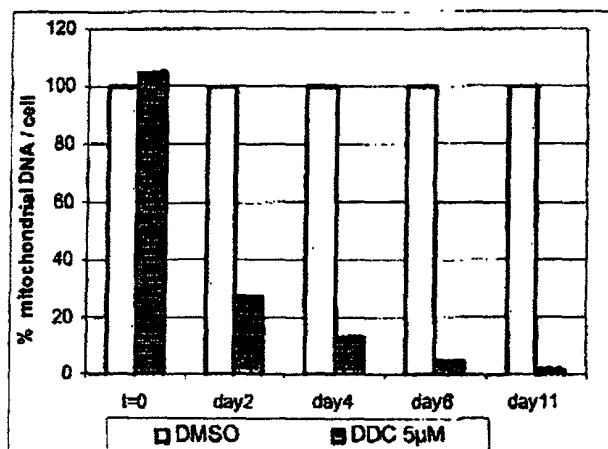


Figure 18



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Figure 19



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Significant decrease of mtDNA in PBMC

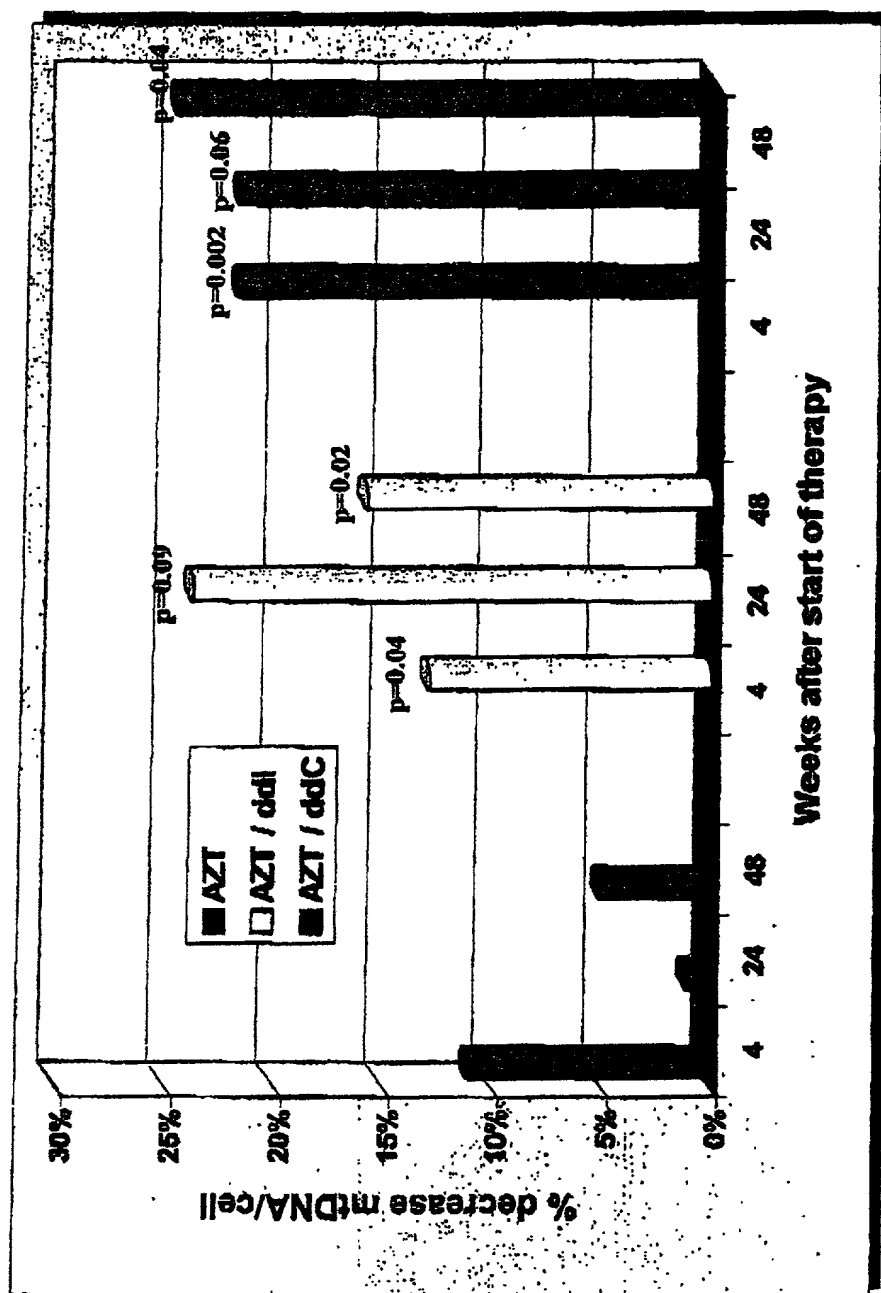


Figure 20

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Copies mtDNA/cell for three individual patients

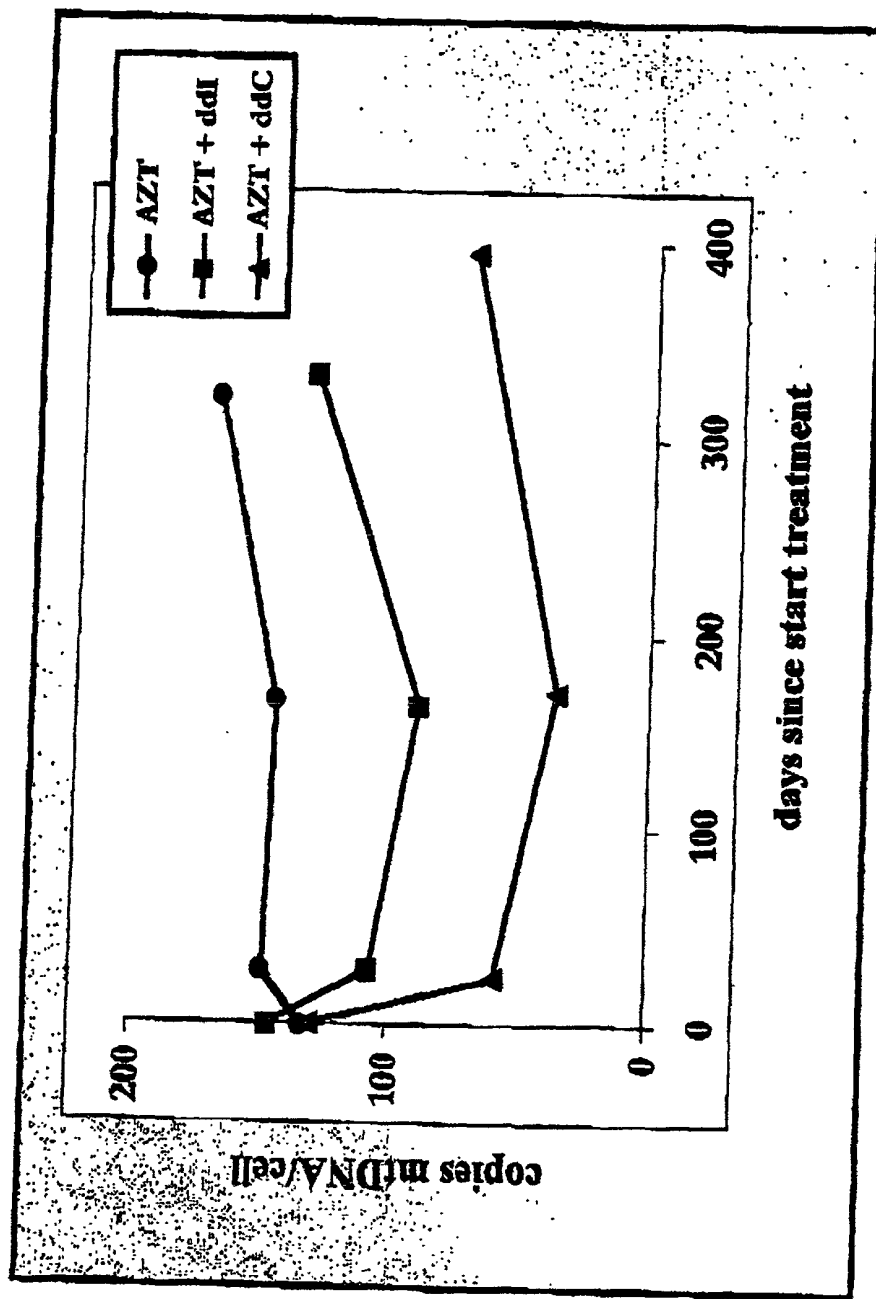


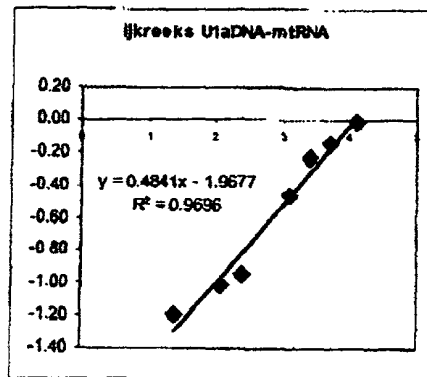
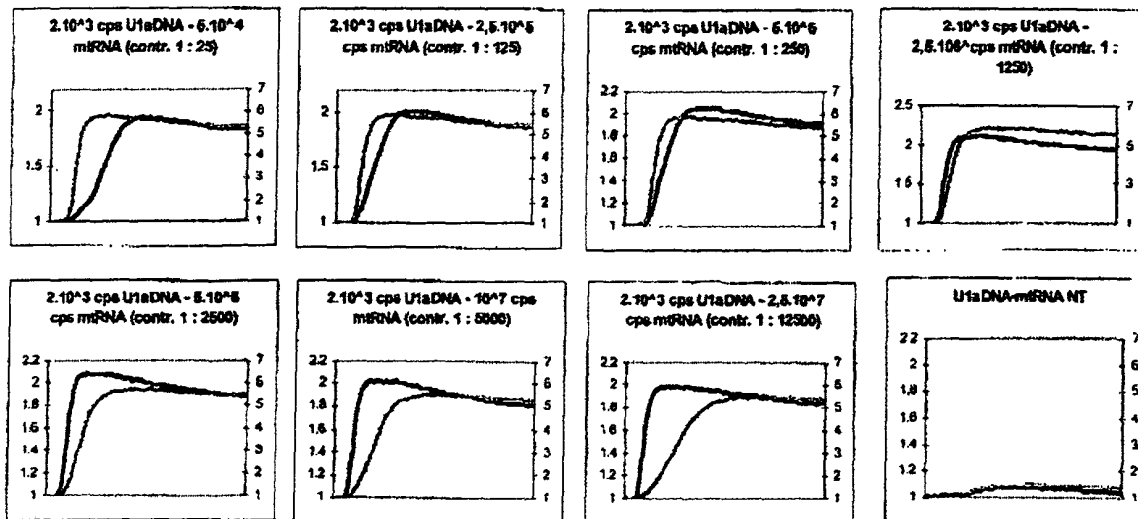
FIG. 21

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Figure 22



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total amount of
mt RNA - " DNA duplex

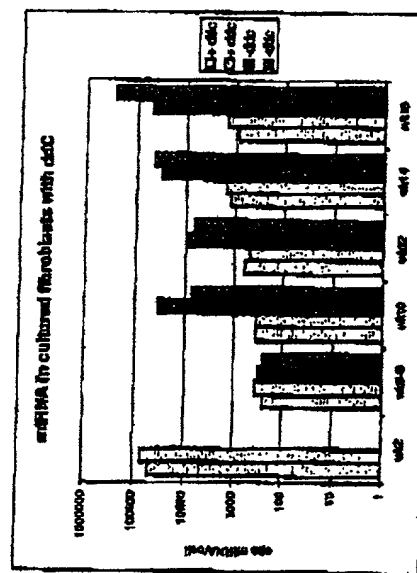
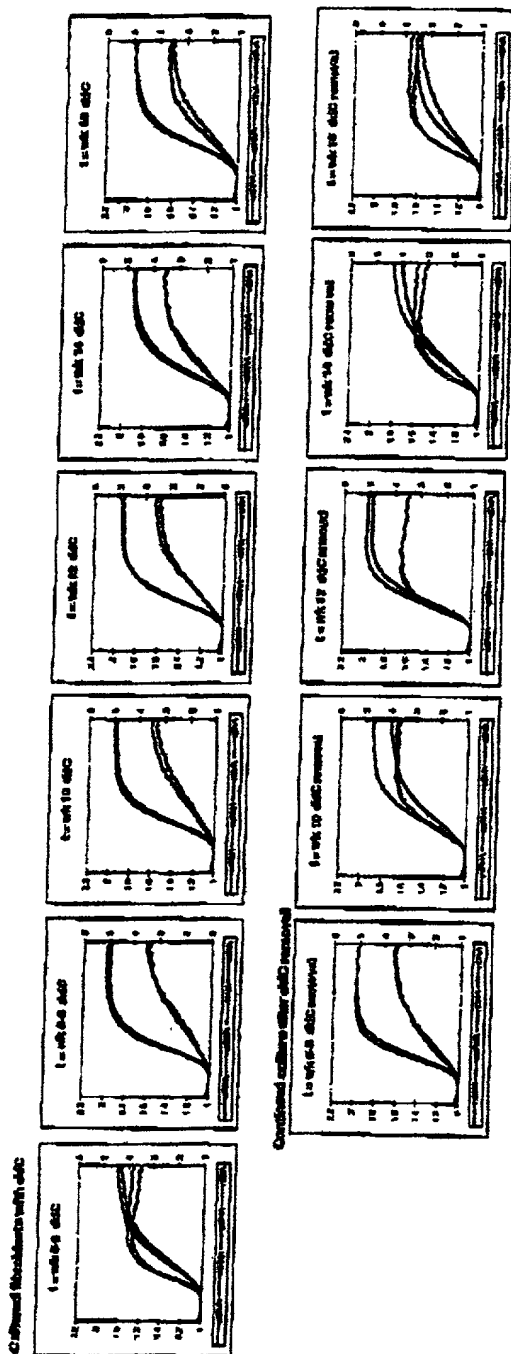


Figure 23

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Adverse effects of antiretroviral therapy

**Percentage of patients changing ART because of adverse effects
(results from the ATHENA-study in the Netherlands)**

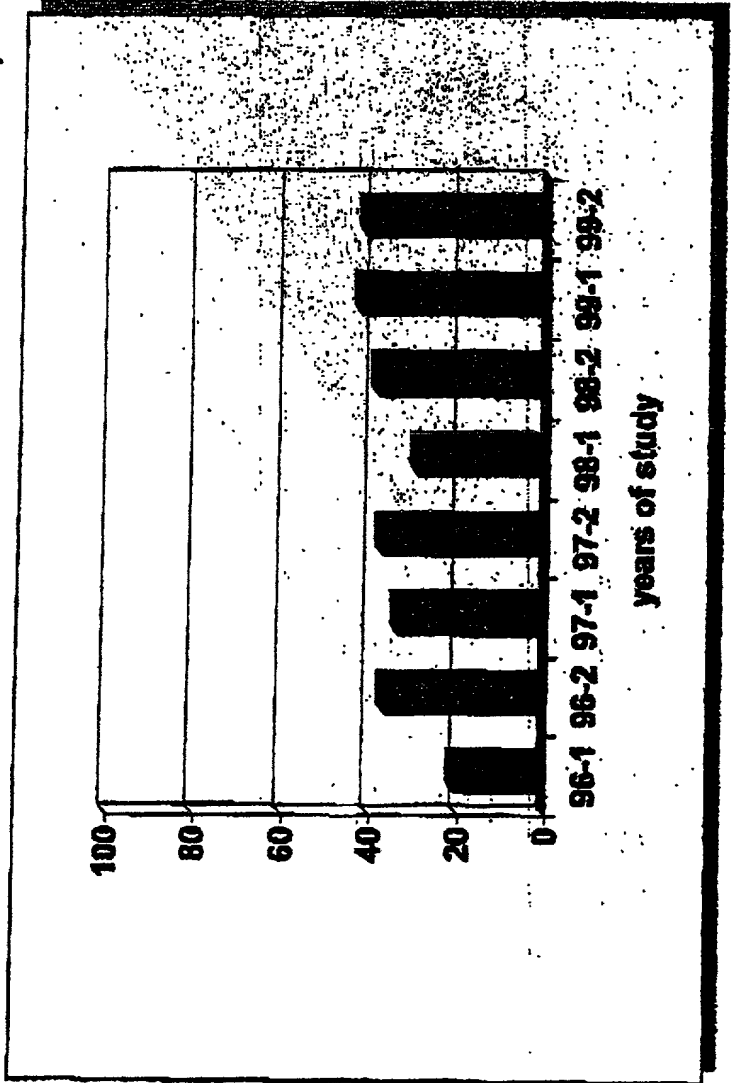


Figure 24

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DNA-NASBA amplification

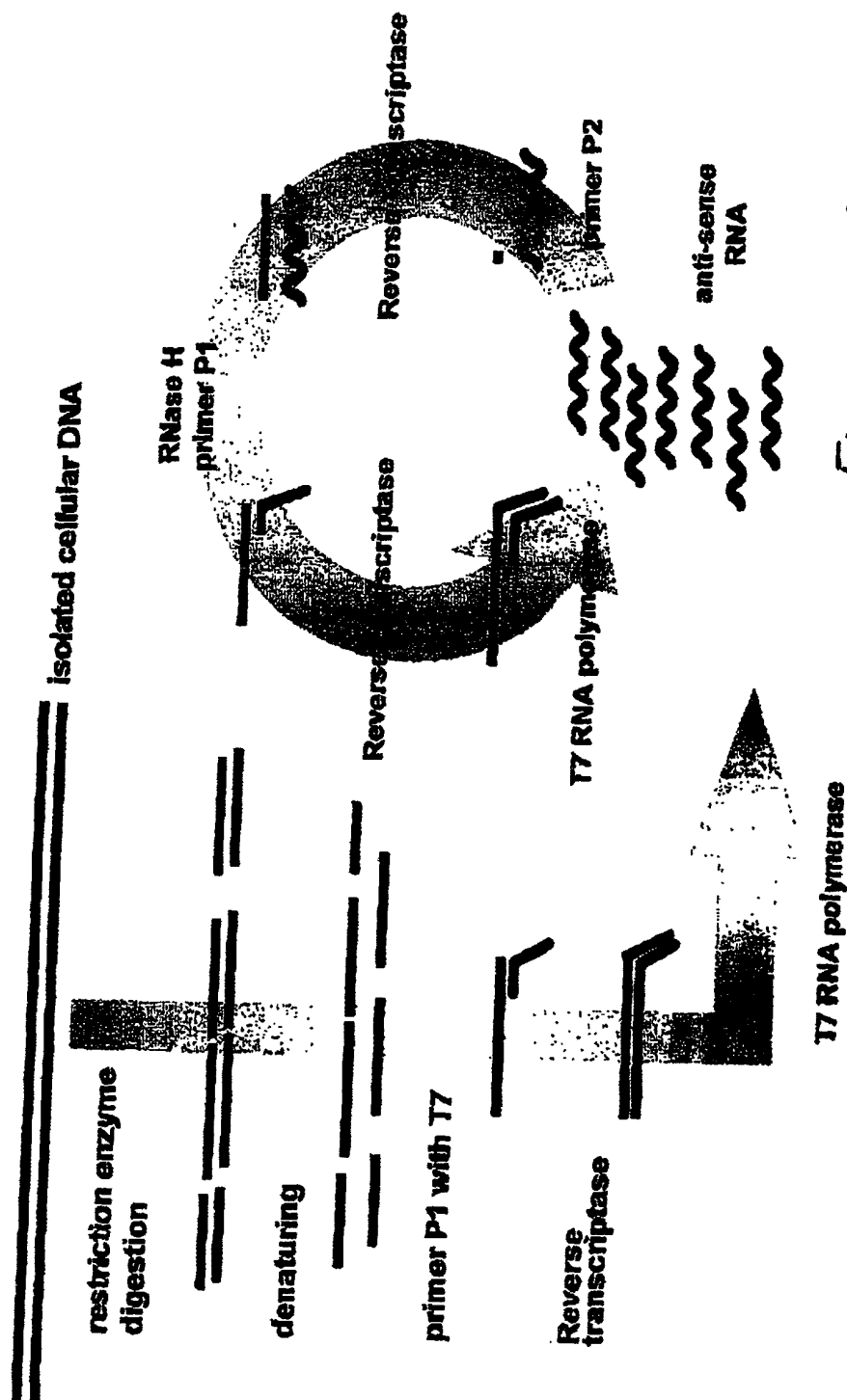


Figure 25

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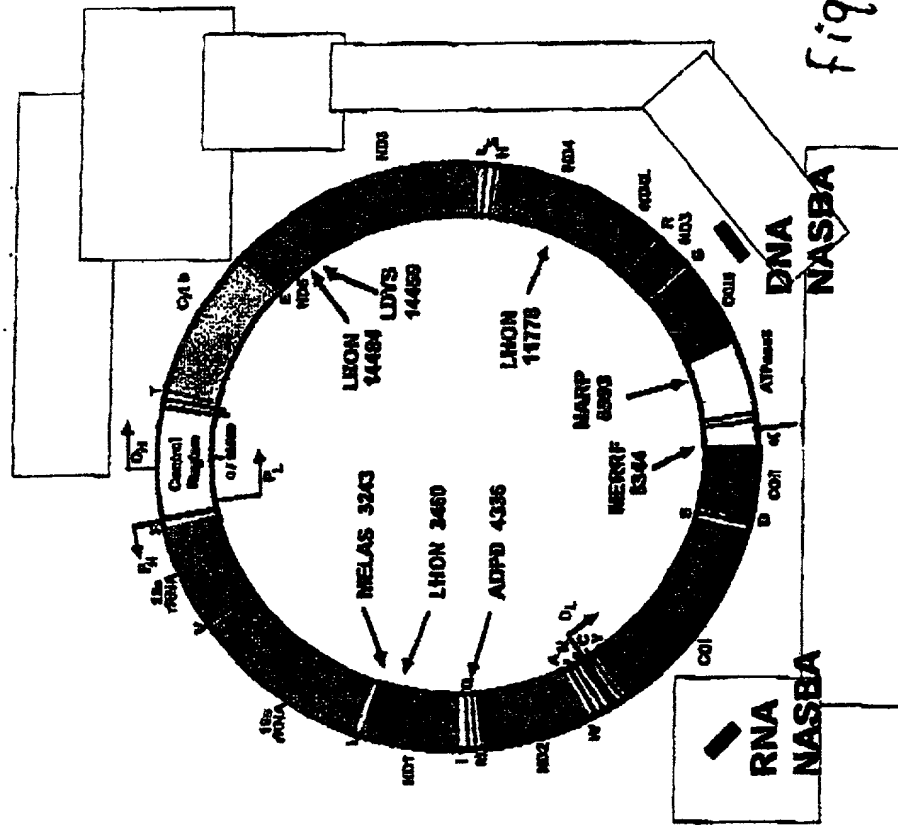


figure 26